

Converting Colors

YUV(224.4750, 9.6258, -7.4326)

Have a look what the booklet for
YUV(224.4750, 9.6258, -7.4326)
contains.

YUV(224.4750, 9.6258, -7.4326)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(224.4750, 9.6258,
-7.4326)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E1F4
RGB	216, 225, 244
RGB Percent	85%, 88%, 96%
CMY	0.1529, 0.1176, 0.0431
CMYK	0.11, 0.08, 0.00, 0.04
HSL	221°, 56%, 90%
HSV	221°, 11%, 96%
XYZ	71.5733, 74.9810, 96.2884
YIQ	224.4750, -11.4630, 4.0010

Conversions

Conversions Part 2

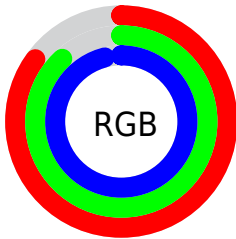
Format	Color
R _Y B	216, 223, 244
Decimal	14213620
CIE Lab	89.38, 0.65, -10.27
CIE LCh	89, 10.294, 273.616
Yxy	74.9810, 0.2947, 0.3088
Android (android.graphics.Color)	4292403700 (0xFFD8E1F4)
YUV	224.4750, 9.6258, -7.4326
Hunter-Lab	86.5916, -3.9941, -5.3154

Details

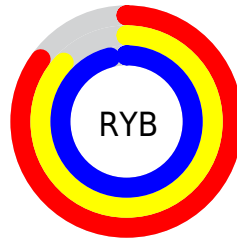
The YUV color $224.4750, 9.6258, -7.4326$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $235.5250, -9.6258, 7.4326$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $169.3610, 9.1890, -7.3326$ is the 20% darker color. If you saturate the color by 10%, you get $207.3200, 18.0832, -13.4356$, and if you desaturate by 10%, it is $241.6300, 1.1684, -1.4295$.

Distribution



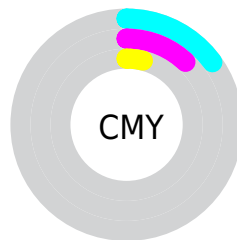
- Red (85%)
- Green (88%)
- Blue (96%)



- Red (85%)
- Yellow (87%)
- Blue (96%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.4750, 9.6258, -7.4326 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 224.4750, 9.6258, -7.4326 by changing the saturation by 10% instead.

■ 224.4750, 9.6258,
-7.4326

■ 224.4750, 9.6258,
-7.4326

255.0000, 0.0000,
0.0000

■ 196.4750, 9.6258,
-7.4326

■ 169.3610, 9.1890,
-7.3326

■ 142.6600, 9.0416,
-6.7178

■ 117.2470, 8.7522,
-7.2326

■ 92.4320, 8.1680,
-6.5179

■ 69.0190, 7.8786,
-7.0327

■ 46.3180, 7.7312,

-6.4179

■ 25.7910, 7.0050,
-6.8327

■ 2.8670, 8.4466,
-2.5144

■ 224.4750, 9.6258,
-7.4326

■ 224.4750, 9.6258,
-7.4326

■ 207.3200, 18.0832,
-13.4356

■ 241.6300, 1.1684,
-1.4295

■ 190.4530, 26.3987,
-20.5683

■ 253.7460, -4.8048,
1.0998

■ 173.2980, 34.8561,
-26.5713

■ 156.4310, 43.1715,
-33.7040

■ 139.2760, 51.6289,
-39.7071

■ 122.7080, 59.7970,
-46.2249

■ 105.2540, 68.4018,
-52.8428

■ 88.6860, 76.5698,
-59.3606

■ 73.6020, 84.0062,
-64.5490

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.0180, 9.3581, -14.9248



224.4750, 9.6258, -7.4326



225.9600, 7.4147, 1.7891

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.4750, 9.6258, -7.4326



226.5030, -6.1640, 17.0989



222.4240, -3.1670, -10.8958

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



224.4750, 9.6258, -7.4326



235.5250, -9.6258, 7.4326

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.7410, -7.2673, -2.4039



224.4750, 9.6258, -7.4326



225.3840, -9.0633, 13.6952

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.4750, 9.6258, -7.4326



226.7570, -1.3592, 15.9991



224.2260, -9.4784, 6.8178



221.6450, 1.6540, -17.2287

Rectangle

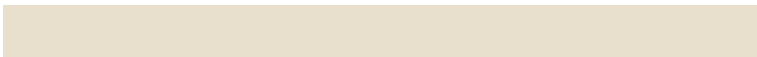
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.4750, 9.6258, -7.4326



226.6080, 4.6303, 8.2368



224.2260, -9.4784, 6.8178



222.3920, -4.6303, -8.2368

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



224.4750, 9.6258, -7.4326



249.6730, 2.6262, -2.3442



234.6020, 0.1962, -16.3140



123.8580, 2.0420, -1.6295



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.4750, 9.6258, -7.4326



230.1480, 12.2520, -9.7768



220.6870, 11.4933, 0.2745



113.7160, 4.0840, -3.2589



56.4240, 63.8810, -49.4838



17.8790, 20.2727, -15.6799

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



225.3980, -0.1962, 16.3140



231.1320, -0.0651, 20.9322



239.3130, -11.4933, -0.2745



114.0440, -0.0217, 6.9774



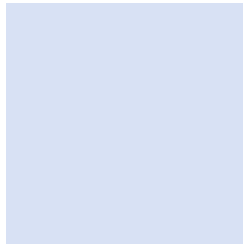
62.4540, -1.2098, 108.3498



19.8070, -0.3979, 34.3723

Previews

White Background



This preview shows how the YUV color 224.4750, 9.6258, -7.4326 looks on a white background.

Color Contrast Check

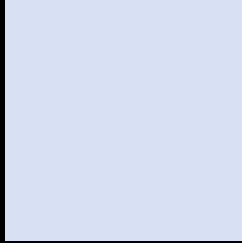
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 224.4750, 9.6258, -7.4326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

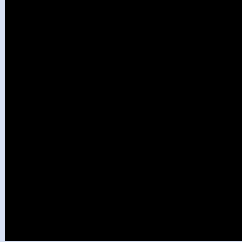
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 224.4750, 9.6258, -7.4326

Background



This preview shows how black text looks on a background with the YUV color 224.4750, 9.6258, -7.4326.



This preview shows how white text looks on a background with the YUV color 224.4750, 9.6258, -7.4326.

-7.4326.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

224.4750, 9.6258, -7.4326

Protanopia

225.2800, 8.7360, -1.9996

Deuteranopia

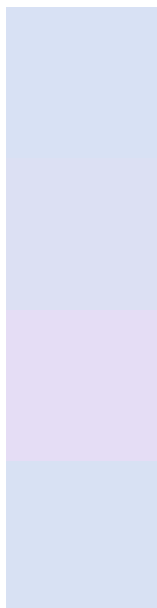
226.7590, 8.9928, 8.9814



Tritanopia

224.3610, 9.1890, -7.3326

Trichromacy



Original Color

224.4750, 9.6258, -7.4326

Protanomaly

224.9700, 8.8888, -4.3587

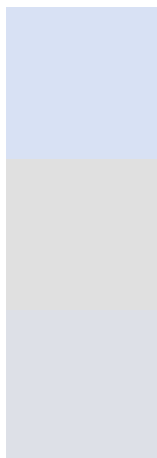
Deuteranomaly

226.1280, 9.3039, 2.5187

Tritanomaly

224.3610, 9.1890, -7.3326

Monochromacy



Original Color

224.4750, 9.6258, -7.4326

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

223.9010, 3.4998, -2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.4750, 9.6258, -7.4326 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(216, 225, 244)` looks like.

```
.text, #text, p{  
    color:rgb(216, 225, 244)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(216, 225, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 225, 244) }
```

Border

The CSS property to change the border of an element to YUV 224.4750, 9.6258, -7.4326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 225, 244) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(216, 225, 244) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(216, 225, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 225, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 225, 244);  
box-shadow:4px 4px 4px 4px rgb(216, 225,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 224.4750, 9.6258, -7.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 225, 244) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(216,  
225, 244) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor